



(FW)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Chou, et al.)
Serial No: 10/656,300)
For: ADVANCED MICA BASED SEAL) Our Ref. No: 13158-E CIP
AND METHODS FOR MAKING)
AND USING) Date: September 13, 2004

CERTIFICATE OF MAILING

Mailstop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned hereby certifies that the attached:

[X] Information Disclosure Statement, Form PTO/SB/08A and PTO/SB/08B
with References
[X] Fee Sheet (2 ea)
[X] Return Receipt Postcard

are being deposited with the United States Postal Service as:

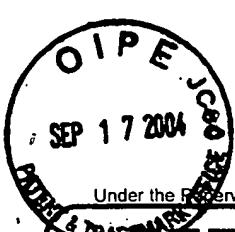
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in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date set forth below.

Rebecca B. Rupp
Signature

September 13, 2004
Date Deposited

Rebecca B. Rupp K1-53
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Laboratories
P.O. Box 999
Richland, WA 99352
(509) 375-2536



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FEET TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)- 0 -

Complete if Known

Application Number	10/656,300
Filing Date	09/04/2003
First Named Inventor	Yeong-Shyung Chou
Examiner Name	Not yet assigned
Art Unit	1746
Attorney Docket No.	13158-E CIP

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number 02-1275
Deposit Account Name Battelle Memorial Institut

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)- 0 -					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	<input type="text"/>	-20** = <input type="text"/>	X <input type="text"/>	= <input type="text"/>
Independent Claims	<input type="text"/>	- 3** = <input type="text"/>	X <input type="text"/>	= <input type="text"/>
Multiple Dependent			<input type="text"/>	= <input type="text"/>

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)- 0 -		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)- 0 -			

(Complete if applicable)

Name (Print/Type)	James D. Matheson	Registration No. (Attorney/Agent)	54,569	Telephone	509-375-3782
Signature				Date	9-13-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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INFORMATION DISCLOSURE STATEMENT
(References – See attached forms PTO/SB/08A and PTO/SB/08B)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

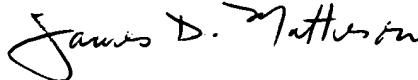
Attached hereto are Forms PTO/SB/08A and PTO/SB/08B listing documents believed to be relevant to the subject application. It is respectfully requested that these documents be considered by the examiner and an initialed copy of each form be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information exists, as defined in 37 C. F. R. § 1.56(a). No admission is made regarding whether any of the submitted references is prior art.

It is believed that this disclosure complies with the requirements of 37 C. F. R. §§ 1.56, 1.97, 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

This IDS is either being submitted within the 3 month deadline or prior to the 1st Office Action, and no fees are believed to be required. However, if any fees are required for consideration of this paper, the Director is hereby authorized to charge our Deposit Account No. 02-1275.

Respectfully submitted,



James D. Matheson
Reg. No. 54,569

James D. Matheson (K1-53)
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Division
P.O. Box 999
Richland, WA 99352
(509) 375-3782



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/656,300
Filing Date	09/04/2003
First Named Inventor	Yeong-Shyung Chou
Art Unit	1746
Examiner Name	Not yet assigned
Attorney Docket Number	13158-E CIP

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/656,300
				Filing Date	09/04/2003
				First Named Inventor	Yeong-Shyung Chou
				Art Unit	1746
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	13158-E CIP

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Y-S Chou, J. W. Stevenson, and L. A. Chick; "Ultra-low leak rate of hybrid compressive mica seals for solid oxide fuel cells", Journal of Power Sources, 112, pp130-136 (2002)	
		Y-S Chou, and J. W. Stevenson, "Thermal cycling and degradation mechanisms of compressive mica-based seals for SOFCs", Journal of Power Sources, 112 pp 373-383 (2002)	
		S.P. Simner and J. Stevenson, "Compressive mica selas for SOFC applications," Journal of Power Sources, 102, pp310-316 (2001)	
		Y-S Chou, J. W. Stevenson, and L. A. Chick, "Mid-term stability of novel mica-based compressive seals for solid oxide fuel cells", Journal of Power Sources, 115 pp274-278 (2003)	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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